

SAISC-D-RR-8.3-C5**Weidmüller Interface GmbH & Co. KG**

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Germany

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www.weidmueller.com



Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The crimp connection is characterised by high functional reliability. With this connection technology, the conductor is crimped to the contact and then engaged in the contact carrier. The connection between the conductor and crimp is vibration-resistant and boasts long-term stability.

General ordering data

Type	SAISC-D-RR-8.3-C5
Order No.	1380580000
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4050118182613
Qty.	1 pc(s).

Creation date May 3, 2020 8:16:38 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data
Dimensions and weights

Net weight 25 g

Temperatures

Operating temperature, max. 85 °C Operating temperature, min. -20 °C

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data customisable plug-in connectors

Cable diameter, max.	8.3 mm	Cable diameter, min.	8.3 mm
Cable glands	M 12	Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)
Coding	D	Conductor cross-section, max.	0.5 mm ²
Conductor cross-section, min.	0.34 mm ²	Connection cross-section, max.	0.5 mm ²
Connection cross-section, min.	0.34 mm ²	Contact surface	Gold-plated
Housing main material	CuZn	Number of poles	4
Plugging cycles	≥ 200	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	50 V	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Type of connection	Crimp connection

General Info

Number of poles	4	Housing main material	CuZn
Category	Cat.5 (ISO/IEC 11801) / Cat.5e (TIA T568-B)	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP67
Plugging cycles	≥ 200		

Electrical properties

Rated voltage 50 V

General standards

Connector standard IEC 61076-2-101

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02		

Approvals

Approvals



ROHS Conform

Data sheet**SAISC-D-RR-8.3-C5**

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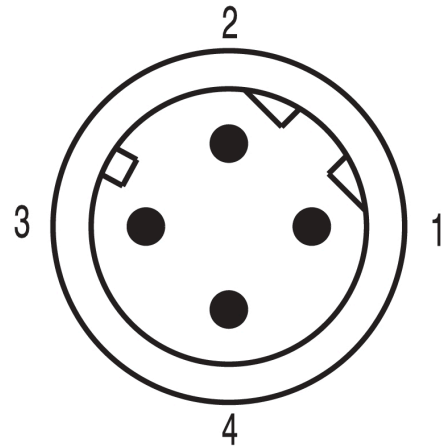
Technical data**Downloads**

Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
User Documentation	Manual

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Pole scheme



Data sheet

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Accessories

M12 crimping tool



Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

General ordering data

Type	SAI-TMDCD	Version
Order No.	1381710000	Tools, Pressing tool
GTIN (EAN)	4050118183764	
Qty.	1 pc(s).	
Type	SAI-CEH095	Version
Order No.	1381750000	, Pressing tool
GTIN (EAN)	4050118183894	
Qty.	1 pc(s).	